

tween the ridges 5 and the notches 6 between the projections 7 are cut to such depth that the remaining solid portion 9 has a thickness substantially equal to the height of the projections 7. It is obvious that any other thickness may be employed for the solid portion 9 which will leave the strip strong and at the same time be economical with material; in practice the above proportion has been found to give good results.

The improved frictional surface above set forth is applicable not only to a take-up roll but also to a measuring roll or other frictional device where no slippage can be tolerated.

I thus provide an improved frictional surface particularly adaptable to friction rolls which engage a material which is to be securely gripped, but which must not be roughened or torn apart.

I further provide a frictional surface which is free from sharp edges, and which may, therefore, be employed for engaging fine cloth as well as for heavier goods. Additionally, the surface is supplied, preferably, in convenient strips which may be readily applied to various frictional devices.

While I have illustrated and described the present preferred embodiment of my invention, it will be understood that the invention is not limited to the details above set forth, but that the invention may be otherwise embodied within the scope of the following claims.

I claim:

1. A compressed artificial cork body having a plurality of integral projections thereon forming an irregular frictional surface, the planes of compression of the cork granules being at an angle to the working surface at the top of the projections.

2. A frictional roll for cloth having a compressed artificial cork frictional surface thereon, from which projects a plurality of integral spaced cloth engaging portions, the granules of the artificial cork being flattened and being so disposed that the planes of the granules extend at a substantial angle to the cloth engaging surface of the projecting portions.

3. A take-up roll for a loom having a compressed artificial cork frictional surface provided with a plurality of integral cloth engaging projections, the granules of the artificial cork being flattened and being so disposed that the planes of the granules extend at an angle substantially normal to the working surface of the roll.

4. A frictional roll for cloth comprising a body having a strip of cork wound therearound to form a cloth engaging surface, the strip having projections thereon arranged in rows lying substantially parallel with the length of the strip, the strip being helically wound on the body whereby the projections

are helically arranged on the surface of the roll.

5. A frictional roll for cloth comprising a body having a strip of cork wound therearound so as to form a cloth engaging surface, the strip having projections formed on its surface in rows substantially perpendicular to the length of the strip, the strip being wound in a helical manner on the body whereby the projections in a row lie in non-axial relation to one another.

In testimony whereof I have hereunto set my hand.

HERMAN F. BUSCH.

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